

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state thousand gallons per day

			Regular					Midgrade		
	Sales to e	nd users		Sales for resale		Sales to en	d users		Sales for resale	
Geographic area Th month	rough retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bul
United States										
October 2019	19,624.2	19,997.0	16,719.2	238,966.4	11,376.9	1,577.9	1,589.6	161.0	1,540.1	
September 2019	19,480.6	19,836.8	16,763.3	234,968.6	11,550.6	1,618.2	1,631.2	167.3	1,644.2	
October 2018	20,291.6	20,611.2	16,999.2	236,103.7	15,946.3	1,655.8	1,668.3	220.4	1,728.6	
	20,291.0	20,011.2	10,999.2	230,103.7	13,340.3	1,055.8	1,000.3	220.4	1,728.0	
PAD District 1										
October 2019	6,425.6	6,569.6	W_	69,041.1	W	559.7	564.4	W_	W_	
September 2019	6,337.2	6,469.8	W_	68,562.1	W	558.1	561.5	W_	W	
October 2018	6,553.6	6,644.5	W	W	1,543.2	568.3	571.3	W	W	
Subdistrict 1A										
October 2019	W	W	W	W	-	W	W	_	25.4	
September 2019	W		W	W		W	W		30.6	
October 2018	W		W	W	W	W	W		30.5	
Connecticut	••	**	**	••	•••	**	**		30.3	
October 2019		W	_	2 245 7	_				8.2	
	- -		- -	2,345.7		- - :	- -	- -		
September 2019		<u>W</u> _	 -	2,254.6		-	- -	- -	8.9	
October 2018	-	W	W	2,275.9	W	-	-	-	10.5	
Maine										
October 2019		- _	- _	W_		-			W_	
September 2019		- _	- _	660.7		-			W	
October 2018	-	-	-	649.5	-	-	-	-	W	
Massachusetts										
October 2019	W	W	-	1,166.1	-	W	W	-	3.2	
September 2019	W	W		1,120.1		W	W		3.7	
October 2018	W	W		1,229.5		W	W		5.3	
New Hampshire				,						
October 2019	W	W	W	W	_	W	W	_	_	
September 2019	W					 				
October 2018	vv -			W		 W				
	VV	VV	VV	VV	-	VV	VV	-	-	
Rhode Island										
October 2019	W_	W	- _	847.9		W_	W_	- -	W_	
September 2019	W_		- _	823.8		W	W_	- -	W_	
October 2018	W	W	-	W	-	W	W	-	W	
Vermont										
October 2019		- -	W_	W		-			W	
September 2019		- -	W_	W_						
October 2018	-	-	W	W	-	-	-	-	W	
Subdistrict 1B										
October 2019	3,488.9	3,488.9	W	W	1,661.5	341.5	341.5	W	W	
September 2019	3,483.9	3,483.9			3,047.7	347.4	347.4	W	W	
October 2018		3,329.5		21,607.1		342.1	342.1	W	VV	
	3,329.5	3,329.3	VV	21,007.1	VV	342.1	342.1	VV	VV	
Delaware										
October 2019	W_		- _	1,036.8		W	W_	- -	8.2	
September 2019	W_	W	- _	1,937.4		W	W_	- -	10.7	
October 2018	W	W	-	1,070.4	-	W	W	-	9.2	
District of Columbia										
October 2019		- -				-				
September 2019										
October 2018	-	-	-	-	-	-	-	-	-	
Maryland										
October 2019	-	-	-	3,910.0	-	-	-	-	44.8	
September 2019				3,813.8	-		<u>-</u>		51.2	
October 2018				3,690.4					52.9	
New Jersey				-,						
October 2019	W	W	W_	6,569.6	W	W_	W_	W	W	
September 2019	W_	W	W_	6,936.3	W		W_	W_	W_	
October 2018	W	W	W	6,865.1	W	W	W	W	W	
New York										
October 2019	2,263.3	2,263.3	W_	4,900.0	W		223.6	W_	W_	
September 2019	2,251.1	2,251.1	W_	W_	W		227.4	W_	W_	
October 2018	2,011.6	2,011.6	W	W	W	218.4	218.4	W	W	
Pennsylvania										
October 2019	W	W	-	W	W	W	W		16.0	
September 2019	W	W		W	W		W		15.1	
October 2018	W	W	-	W	W		W		19.1	
	**	**		* V	7.0	* *	**		10.1	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Premium					All grades		
	Sales to e	end users		Sales for resale		Sales to en	d users		Sales for resale	
Geographic area TI month	hrough retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull
United States										
October 2019	2,375.6	2,426.5	4,456.7	30,384.0	1,659.9	23,577.7	24,013.2	21,336.9	270,890.4	13,036.
September 2019	2,536.6	2,584.3	4,685.9	30,779.3	1,562.9	23,635.4	24,052.3	21,616.4	267,392.1	13,113.
October 2018	2,401.2	2,432.7	4,666.2	28,576.2	1,926.4	24,348.6	24,712.2	21,885.8	266,408.6	17,872.
PAD District 1										
October 2019	830.3	858.5	W	W	W	7,815.6	7,992.5	W	W	2,013.
September 2019	894.0	920.1	W	W	W	7,789.3	7,951.4	W	W	3,754.
October 2018	796.4	812.0	W	9,075.2	W	7,918.3	8,027.8	W	79,071.5	V
Subdistrict 1A										
October 2019	W	W	W	W	-	W	W	W	W	
September 2019	W	W	W	W	-	W	W	W	W	
October 2018	W	W	W	780.9	W	W	W	W	W	V
Connecticut										
October 2019	_	_	_	431.1	_	_	W	_	2,785.0	
September 2019				431.7					2,695.3	
October 2018			W	389.0	W			W	2,675.5	V
Maine	-	-	VV	369.0	VV	-	VV	VV	2,073.3	V
October 2019				W					731.0	
	- -	- -	·			 -	- -	- -		
September 2019		- -	- -		-	- -	- -	- -	726.3	
October 2018	-	-	-	W	-	-	-	-	702.8	
Massachusetts										
October 2019	W_	W_	- -	196.5	-	W_	W_		1,365.8	
September 2019	W	W_	- -	191.5		W_	W_		1,315.3	
October 2018	W	W	-	189.0	-	W	W	-	1,423.9	
New Hampshire										
October 2019	W	W	W	W	-	W	W	W	W	
September 2019	W	W	W	W	-	W	W	W	W	
October 2018 Rhode Island	W	W	W	W	-	W	W	W	W	
October 2019	W	W		W	_	W	W	_	998.9	
September 2019	vv -			W		V V			980.2	
October 2018	W	V V	· <u>-</u> -	W	<u>-</u>	VV -			1,104.6	
Vermont							••		1,10	
October 2019	-	-	W	W	-	-	-	W	77.7	
September 2019	-	-	W	W	-	-		W	W	
October 2018		-	W	W	-	-		W	W	
Subdistrict 1B										
October 2019	541.4	541.4	W	W	W	4,371.8	4,371.8	W	24,393.0	V
September 2019	613.0	613.0	W	W	W	4,444.3	4,444.3	W	25,519.7	V
October 2018	515.9	515.9	W	W	W	4,187.4	4,187.4	W	24,735.0	• v
Delaware	313.5	313.5	**	**	**	4,107.4	4,107.4	**	24,733.0	•
October 2019	W	W		124.7	_	W	W	_	1,169.7	
September 2019	W	W	- -	235.9		VV -	W	-	2,184.0	
October 2018	W	V V	- -	123.7	-	VV -	W	-		
	VV	VV	-	125.7	-	VV	VV	-	1,203.3	
District of Columbia										
October 2019		- -	- -			 -	- -			
September 2019	- -	- -	- -			 -	- -		-	
October 2018	-	-	-	-	-	-	-	-	-	
Maryland										
October 2019		 _	- -	649.9	- .				4,604.7	
September 2019		- -	- -	646.2					4,511.2	
October 2018	-	-	-	585.8	-	-	-	-	4,329.1	
New Jersey										
October 2019	W	W	W	1,029.7	W	W_	W_	W	W	666.
September 2019	W	W	W	1,050.1	W		W_	W	W	1,152.
October 2018	W	W	W	992.2	W		W	W	W	1,081.
New York	-					·				,
October 2019	356.3	356.3	W	W	W	2,843.2	2,843.2	W	5,826.1	V
September 2019	419.5	419.5		912.0	W	2,898.1	2,898.1	W	5,629.7	
October 2018		333.0		816.3				W	5,795.2	<u>v</u>
	333.0	333.0	W	010.3	W	2,563.1	2,563.1	VV	3,193.2	v
Pennsylvania										
October 2019	W_	W_	- -	W_	W		W_		W	V
September 2019	W_	W_	- -	W_	W		W_		W	V
October 2018	W	W	_	W	W	W	W	_	W	V

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Regular					/lidgrade		
	Sales to er	nd users	Sal	es for resale		Sales to end	users	Sale	s for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
October 2019	W_	W		W	W	W	W		393.8	
September 2019	W_	W		W	W	W	W	-	441.1	
October 2018	W	W	-	W	W	W	W	-	431.1	
Florida				42.702.2		14/			440.7	
October 2019 September 2019	W	$ \frac{W}{W}$	-	13,782.2 13,009.8			<u>W</u>	-	118.7 130.6	
October 2018	W	W	-	13,747.2	NA	W W	W		131.5	
Georgia	W	W		0.266.5		W	W		47.4	
October 2019 September 2019			-	8,366.5 8,355.4		w			47.4 53.1	
October 2018	 	VV	-	8,402.4		vv	V V ·		57.0	
North Carolina	**	**		0,402.4		**	**		37.0	
October 2019	W	W	_	8,925.5	_	W	W	_	116.3	
September 2019	W	W		8,649.0		W	W		137.1	
October 2018	W	W	-	8,717.1	-	W	W	-	118.1	
South Carolina										
October 2019	W	W		4,394.4		W	W		32.7	
September 2019		W		4,236.8			<u>W</u>	-	37.0	
October 2018	W	W	-	4,310.9	-	W	W	-	35.4	
Virginia		14/		W	W				70.7	
October 2019 September 2019		W	-	W		-			70.7 75.8	
October 2018		<u>v</u> v		vv	W	- -	-		82.1	
West Virginia	14/	W		844.9		W	W		7.0	
October 2019 September 2019	W		-	844.9 	- W			-	7.9 	
October 2018	W	W	-	W W	W	W W	W	-	7.1	
PAD District 2										
October 2019	W	W		W	W	W	W		440.4	
September 2019	W_	W	-	76,850.7	436.2	W	W	-	438.7	
October 2018	W	W	-	78,314.1	1,267.2	312.1	319.5	-	500.6	
Illinois						14/			50.0	
October 2019 September 2019	W	W		W	W		W	-	58.8 56.3	
October 2018	W -	VV		W	w	vv	V		70.1	
Indiana	**	**		•••	**	**	**		70.1	
October 2019	W	W	-	5,902.7	_	W	W	_	18.0	
September 2019	W	W		5,769.7	NA	W	W		14.0	
October 2018	W	W	-	W	W	W	W	-	21.0	
Iowa										
October 2019		W		3,304.8					52.4	
September 2019	- -	W		3,086.9		-		-	50.2	
October 2018	-	W	-	2,541.0	-	-	-	-	50.7	
Kansas	W	W		W	W	W	W		15.3	
October 2019			-					-	15.2	
September 2019 October 2018		vv	- :	W	W		W	-	17.1	
Kentucky	**	**		**	**	**	••		27.0	
October 2019	W	W	-	3,873.6	-	W	W_	_	11.8	
September 2019	W_	W_		3,882.6		W	W		12.5	
October 2018 Michigan	W	W	-	W	W	W	W	-	13.1	
October 2019	W	W	-	10,440.3	-	W	W	-	13.4	
September 2019		W_		9,830.3	NA	W	W	-	13.9	
October 2018	W	W	-	10,248.2	-	W	W	-	16.6	
Minnesota										
October 2019	W_	W	-	4,957.5		W	W		57.3	
September 2019		W		4,763.1			37.7	-	59.6	
October 2018	709.3	711.8	-	5,224.9	-	W	W	-	75.7	
Missouri October 2019		W		2 217 4					12 ⊑	
OCTOREL SOTA	_ _		- :	3,317.4		. 			13.5	
September 2019	_	W	_	3,243.9	_	_	_	_	12.2	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			remium	_				All grades		
	Sales to er	nd users	Sal	es for resale		Sales to end	users	Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull
Subdistrict 1C										
October 2019	W_	W	-	W	W	W	W		W_	W
September 2019	W_	W	-	W	W	W	W		W_	<u>W</u>
October 2018	W	W	-	W	W	W	W	-	W	W
Florida October 2019	W	W		W	W	W	W		W	V
September 2019	vv -	v v	-	1,960.5	vv .	v v		-	15,100.9	<u>v</u>
October 2018 Georgia	W	W	-	1,891.5		W	W		15,770.3	
October 2019	W	W	_	1,031.7	_	W	W	_	9,445.6	
September 2019	W	W		W	W	W	W		W	V
October 2018	W	W	-	1,031.5		W	W		9,490.9	
North Carolina										
October 2019	W_	W		1,091.3	- .	W	W		10,133.0	
September 2019	W_	W	-	1,088.3		W	W		9,874.4	
October 2018	W	W	-	1,004.1	-	W	W	-	9,839.3	
South Carolina										
October 2019		<u>W</u>	-	443.5	- -		<u>W</u>	-	4,870.6	
September 2019	W	W	-	441.9		W	W		4,715.6	
October 2018	VV	VV	-	415.0	-	W	W	-	4,761.4	
Virginia October 2019		W	_	928.4		_	W		W	V
September 2019		vv		920.6			v v		W	<u>v</u>
October 2018	-	v v		912.4		- -	• • • -		W	V
West Virginia October 2019	W	W		W	W	W	W		W	V
September 2019	VV -	V V	⁻	46.1	<u>v</u> v		W		W	v
October 2018	W	W	-	W	W	W	W		W	V
PAD District 2										
October 2019	W	<u>W</u>	-	W	W		W	-	86,497.0	821.
September 2019 October 2018	W	433.9	-	6,855.9	521.9 476.7	W	<u>W</u>	-	84,145.2	958.
Illinois	VV	455.5	-	6,418.2	470.7	VV	VV	-	85,232.9	1,743.
October 2019	W	W	_	1,188.4	_	W	W		W	٧
September 2019	W	W		1,164.1			W		W	·
October 2018	W	W	-	W	W	W	W		12,060.4	90.
Indiana										
October 2019	W_	W	.	W	W	W	W_		W	V
September 2019	W_	W	-	W	W	W	W		W	V
October 2018	W	W	-	405.0	-	W	W	-	W	V
Iowa										
October 2019	_ _	-	-	278.5	- -	-	W	-	3,635.7	
September 2019 October 2018	 -			283.2 262.3			W	-	3,420.3	
Kansas	-	-	-	202.3	-	-	VV	-	2,854.0	
October 2019	_	_	_	355.2		W	W	_	W	V
September 2019	<u>-</u>	<u>-</u>		W	W	- v	W		W	v
October 2018				W	W	W	W		W	v
Kentucky										
October 2019	W	W	-	249.6	-	W_	W_	-	4,135.1	
September 2019		W		249.9		W	W_		4,145.0	
October 2018 Michigan	W	W	-	221.0	-	W	W	-	W	V
October 2019	W	W		W	W	W	W		W	V
September 2019		W	-	W	W		<u>W</u>		W_	V
October 2018	W	W	-	W	W	W	W	-	W	V
Minnesota										
October 2019		W		W	W		W		W_	
September 2019		<u>W</u>	-	<u>W</u>	W	W	W		W	V
October 2018	W	W	-	W	W	806.8	813.4	-	W	٧
Missouri				147			141			
Missouri October 2019 September 2019			-	W	W	-	W	-	W_	V

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

September 2019 W W W W W W W W W W Cotober 2018 W W W W W W W Cotober 2019 W W - 1,061.9 - W W - 1,7061.9 - W W - 1,1061.9 - 1,1061.9 - 1,1061.9 - 1,1061.9 - 1,1061.0 - 1,1061.0 - 1,1061.0 - 1,1061.0 - 1,1061.0 - 1,1061.0 <th< th=""><th>le</th></th<>	le
Notificial Not	
Nebraska	k Bul
October 2019 W W 1,519.4 - W W - 11 September 2019 W W 1,561.4 - W W - 18 October 2019 W W - 18 W W - 18 October 2019 W W - 16 September 2019 W W - 16 September 2018 W W - 16 September 2018 W W - 16 September 2018 W W - 16 October 2018 W W - 16 October 2018 W W - 16 October 2019 W W - 10 18 W W - 28 September 2019 W W - 10 0ctober 2019 W W - 28 September 2019 W W - 28 September 2019 W W - 28 September 2019 W W	
September 2019 W W 1,538.9 W W - 18 October 2018 W W - 1,561.4 - W W - 12 North Dakota W W - 869.1 - W W - 9 - 16 September 2019 W W - 869.1 - W W - 15 October 2018 W W - 950.1 - W W - 10 Ohio - October 2019 W W - 10,187.2 - W W - 28 September 2019 W W - 10,265.5 - W W - 28 October 2018 W W - 10,513.9 W W - 4 Oklahoma W W - W W W - 4 October 2019 W W - W W W - 6 September 2019 W W - W W W - 9 October 2019 W W - 1,061	
October 2018 W W 1,561.4 W W - 12 North Dakota October 2019 W W 869.1 - W W - 16 September 2019 W W - 847.5 - W W - 17 October 2018 W W - 950.1 - W W - 18 Ohio - - W W - 18 - 18 - W W - 18 - 18 - - 18 - 18 - - 18 - - 18 - - 18 - - 18 - - - - 18 -	.8
North Dakota October 2019 W W 869.1 W W - 12 September 2019 W W - 847.5 - W W - 12 October 2018 W W - 950.1 W W - 18 Obio October 2019 W W - 10,187.2 - W W - 28 September 2019 W W - 10,026.5 W W - 28 October 2018 W W - 10,513.9 - W W - 28 October 2018 W W - 10,513.9 - W W - 28 October 2018 W W - W W W - 28 October 2019 W W - W W W W - 9 September 2019 W W - W W W - 9 5 South Dakota W W - 1,061.9 - W W - 9 17 <td>.4</td>	.4
October 2019 W W W - 869.1 - W W - 16 September 2019 W W W - 847.5 - W W - 17 October 2018 W W - 950.1 - W W - 18 Ohio October 2019 W W W - 10,187.2 - W W - 28 September 2019 W W - 10,026.5 - W W W - 28 September 2019 W W - 10,0513.9 - W W - 28 October 2018 W W - 10,513.9 - W W - 28 September 2019 W W W - 10,513.9 - W W W - 28 September 2019 W W W - W W W W W - 6 September 2019 W W W - W W W W W W - 5 September 2019 W W W - W W W W W W - 5 South Dakota October 2018 W W W - 1,061.9 - W W W W - 15 South Dakota October 2019 W W W - 1,061.9 - W W W - 15 September 2019 W W W - 996.3 - W W - 15 September 2019 W W W - 996.3 - W W - 15 September 2019 W W W - 996.3 - W W W - 15 September 2019 W W W - 9,229.5 - W W W - 86 October 2018 W W - 9,229.5 - W W W - 86 October 2018 W W - 9,233.3 - W W W - 86 October 2019 W W - 9,233.3 - W W W - 86 October 2019 W W - 9,345.0 - W W W - 86 October 2019 W W - 9,345.0 - W W W - 86 October 2019 W W - 9,345.0 - W W W - 86 October 2019 W W - 9,345.0 - W W W - 86 October 2019 W W - 5,541.6 - W W W - 36 September 2019 W W W - 5,555.5 - W W W - 36 September 2019 W W W - 5,555.5 - W W W - 36 October 2019 W W W - 5,555.5 - W W W - 36 September 2019 946.3 999.3 203.5 50,163.4 6,132.8 86.4 86.6 W - 20 October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W	5
September 2019 W W - 95.01 - W W - 1.7 October 2018 W W - 950.1 - W W - 1.8 October 2019 W W - 10,187.2 - W W - 2.8 September 2019 W W - 10,026.5 - W W - 2.8 October 2018 W W - 10,513.9 - W W - 2.8 October 2018 W W - - W W W -	7
October 2018 W W 950.1 W W - 18 Ohio Cotober 2019 W W - 10,187.2 - W W - 28 September 2019 W W - 10,026.5 - W W - 28 October 2018 W W - 10,513.9 - W W - 28 October 2018 W W - - W W W - - 43 October 2019 W W W - - W W W - </td <td></td>	
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October 2018 W W - 10,513.9 - W W - 41 Oklahoma October 2019 W W W W W W W - 6 September 2019 W W W W W W W - 5 South Dakota October 2019 W W - 1,061.9 - W W - 17 September 2019 W W - 1,061.9 - W W - 17 September 2019 W W - 1,061.9 - W W - 17 October 2018 W W - 1,061.9 - W W - 17 Tennessee - - W W - 9,229.5 - W W - 81 October 2019 W W - 9,229	
October 2019 W W - W W W W - Cotober 2019 W W -	
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South Dakota October 2019 W W - 1,061.9 - W W - 17 September 2019 W W - 1,038.7 - W W - 15 October 2018 W W - 996.3 - W W - 15 Tennessee October 2019 W W - 9,229.5 - W W - 81 September 2019 W W - 9,203.3 - W W - 82 October 2018 W W - 9,345.0 - W W - 86 Wisconsin W W - 5,341.6 - W W - 34 September 2019 W W - 5,341.6 - W W - 34 September 2019 W W - <t< td=""><td>.7</td></t<>	.7
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October 2018 W W - 996.3 - W W - 15 Tennessee October 2019 W W - 9,229.5 - W W - 83 September 2019 W W - 9,345.0 - W W - 86 Wisconsin October 2019 W W - 5,341.6 - W W - 34 September 2019 W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 34 PAD District 3 September 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W October 2019 946.3 999.3 203.5 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1	
October 2019 W W - 9,229.5 - W W - 81 September 2019 W W - 9,203.3 - W W - 82 October 2018 W W - 9,345.0 - W W - 80 Wisconsin October 2019 W W - 5,341.6 - W W - 34 September 2019 W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 34 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3	
September 2019 W W - 9,203.3 - W W - 82 October 2018 W W - 9,345.0 - W W - 80 Wisconsin September 2019 W W - 5,341.6 - W W - 34 September 2019 W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 34 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W	4
October 2018 W W - 9,345.0 - W W - 80 Wisconsin October 2019 W W - 5,341.6 - W W - 34 September 2019 W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 38 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W	
October 2019 W W - 5,341.6 - W W - 34 September 2019 W W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 38 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W	
September 2019 W W - 4,983.8 - W W - 34 October 2018 W W - 5,255.5 - W W - 38 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W Alabama	
October 2018 W W - 5,255.5 - W W - 38 PAD District 3 October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W Alabama	
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October 2019 946.3 999.3 203.5 50,910.5 7,967.0 86.7 86.9 W September 2019 920.0 971.8 205.3 50,163.4 6,132.8 86.4 86.6 W October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W Alabama	
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October 2018 911.1 944.3 W 49,444.6 W 87.5 87.7 W Alabama	N
	N
October 2019 vv 5,226.4 vv 5	
September 2019 W W - 5,136.1 - W W - 34 October 2018 - W - 4,949.0 - - - - - 42	
	9
Arkansas October 2019 - 3 092 7 - 1 1/2	
5,052.7	
September 2019 2,976.2 13	
October 2018 2,910.5 14	1
Louisiana	
October 2019 - W - W W 10	
September 2019 - W -	.9 5
	,
Mississippi October 2010 2 701 1 912 5 15	<u> </u>
October 2019 2,701.1 812.5 18	
September 2019 - - - 2,745.6 549.5 - - - 15 October 2018 - - - W W - - - - 21	
New Mexico	
	N
	N
October 2018 W 393.2 W W - W 50.5 W Texas	N
October 2019 531.0 532.7 W 32,733.1 W 38.8 39.0 - 115	9
September 2019 500.2 501.2 W 32,758.1 W 38.8 37.9 - 115	
October 2018 W W 31,245.9 W W 37.2 - 145	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Premium					All grades		
	Sales to e	nd users	Sa	les for resale		Sales to end	lusers	Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bul
PAD District 2 (cont Nebraska	.)									
October 2019	_		_	160.1	_	W	W		1,795.4	
September 2019	<u>-</u>			169.6	<u>-</u>	W	W	<u>-</u>	1,726.9	
October 2018	<u>-</u>	<u>-</u> -	<u>-</u>	168.2	<u>-</u>		W	<u>-</u>	1,744.2	
North Dakota				100.2		**	**		1,7 44.2	
October 2019	W	W		92.5	_	W	W		978.2	
September 2019	W			98.5		W	V		963.0	
October 2018	W	 		91.0		 	V		1,059.6	
Ohio	**	**		31.0		**	**		1,055.0	
October 2019	W	W		W	W	W	W		W	V
September 2019		<u>vv</u>		W	W		W	-	W	<u>v</u>
October 2018			⁻	W	w		V V	-	W	;
	VV	VV	-	VV	VV	VV	VV	-	VV	,
Oklahoma	W	W		\A/	\A/	14/	14/		4 276 1	241
October 2019 September 2019			-	$ W_{-} -$	<u>W</u>		<u>W</u> _	-	4,376.1	341. 415.
			-					-	4,388.1	
October 2018	W	W	-	W	W	W	W	-	4,311.5	775.
South Dakota										
October 2019	W_	W	-	97.0				-	1,176.2	
September 2019	W_	W	-	110.0				-	1,164.4	
October 2018	W	W	-	89.4	-	W	W	-	1,104.6	
Tennessee										
October 2019	W_	W	-	905.9	- -	W	W_	-	10,216.8	
September 2019	W_	W	-	909.9		W	W_	-	10,196.0	
October 2018	W	W	-	W	W	W	W	-	W	\
Wisconsin										
October 2019	W_	W	-	452.8	 .	W	W_	-	5,828.6	
September 2019	W_	W	-	467.9	- -	W	W_		5,486.2	
October 2018	W	W	-	412.1	-	W	W	-	5,705.9	
PAD District 3										
October 2019	82.5	93.9	W	W	578.0	1,115.5	1,180.1	234.2	56,862.5	8,545.
September 2019	84.1	95.4	W	W	305.3	1,090.5	1,153.8	237.7	55,984.4	6,438.
October 2018	80.5	86.3	W	W	860.7	1,079.1	1,118.3	W	54,828.4	V
Alabama										
October 2019	W	W	-	481.1	-	W	W	-	5,743.0	
September 2019	W	W		469.8		W	W		5,640.2	
October 2018		W		449.7			W		5,441.7	
Arkansas									-,	
October 2019	_	_	_	271.7	_	_	_	_	3,378.5	
September 2019	<u>-</u>			269.1	<u>-</u>	<u>-</u>			3,258.5	
October 2018	<u>-</u>		<u>-</u>	230.8	<u>-</u>	<u>-</u>			3,155.5	
Louisiana				200.0					3,233.3	
October 2019		_		W	W		W		6,428.6	3,058.
September 2019				W	W		v		6,351.8	2,948.
October 2018				V	W		V		6,409.2	3,719.
				**	**		**		0,403.2	3,713.
Mississippi				220 6					2 049 2	012
October 2019 September 2019	- -	-	-	228.6 228.1			- _	-	2,948.3 2,993.5	812. 549.
October 2018	- -	-	-	225.6			- _	-	2,993.5 W	549.
	-	-	-	445.0	-	-	-	-	vv	`
New Mexico	,	W	147	W		147	F02.2	147	121	
October 2019							503.2		W	
September 2019		<u>W</u>	W	W	- -		508.6_		W	
October 2018	W	41.3	W	W	-	W	485.0	W	W	
Texas	40.0	42.0	147	147		643.6	645.6	144		
October 2019	43.8	43.8		<u>W</u>	W		615.6	<u>W</u>	W	4,674.
September 2019		42.2		W	W		581.3_	<u>W</u>	W_	2,940.
October 2018	W	W	W	3,473.9	W	W	W	W	34,865.5	\

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Regular					Midgrade		
	Sales to e	nd users		Sales for resale		Sales to er	nd users	9	Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull
PAD District 4										
October 2019	W	W	W	W	-	W_	W_		136.5	
September 2019	W	W	W	W	-	W	W_	- _	131.9	
October 2018	W	W	W	W	W	68.9	70.1	-	115.6	
Colorado										
October 2019	W	144.6	W	W	-	40.8	41.3	-	34.0	
September 2019	W	148.8	W	W		42.0	42.4		42.2	
October 2018	W	146.6	W	W	W	39.7	40.0	-	46.6	
Idaho										
October 2019	W	W		1,485.6		W	W		7.2	
September 2019	W	W		1,485.7	-	W	W		6.4	
October 2018	W	W	-	1,438.2	-	W	W	-	6.5	
Montana										
October 2019	W	W	_	1,256.5	-	W	W	-	7.2	
September 2019	W	W		1,333.4		W	W		7.5	
October 2018	W	W		1,248.8	-	W	W		W	
Utah										
October 2019	W	W	W	W	_	W	W	_	73.8	
September 2019	W	W	W	W		W	W		62.8	
October 2018	W	W	W	W		W	W		45.6	
Wyoming										
October 2019	W	10.1	_	865.2	_	W	W	_	14.3	
September 2019	W	11.0		930.5	<u>-</u>		W	<u>-</u>	13.0	
October 2018	W	10.5		883.1			W	<u>-</u>	W	
	•••	10.0		003.1		•••	••		•••	
PAD District 5										
October 2019	3,941.0	4,002.1	15,231.7	W	W	555.5	556.4	157.0	231.8	
September 2019	4,048.0	4,106.5	15,270.4	W	W	595.8	596.5	164.4	274.5	
October 2018	4,342.0	4,409.9	15,596.7	28,342.6	2,097.2	618.9	619.7	W	W	
Alaska										
October 2019	W_	W	55.0	398.8	W	W_	W_	W_	W	
September 2019	W_	W_	64.3	427.9	W	W_	W_	W_	W	
October 2018	W	W	W	W	W	W	W	W	W	
Arizona										
October 2019	W	W_	1,250.2	4,183.7	NA.	W_	W_	W_	W	
September 2019	W	W_	1,176.3	W	W	W_	W_	W_	W	
October 2018	W	W	W	4,256.7	W	W	W	W	W	
California										
October 2019	2,763.4	2,764.9	W	14,496.5	W	475.5	475.6	112.0	145.5	
September 2019	2,854.8	2,856.5	11,563.2	14,231.6	1,147.7	514.5	514.5_	117.9_	186.0	
October 2018	3,178.2	3,179.4	11,753.5	13,932.2	1,600.5	530.3	530.4	134.9	172.5	
Hawaii										
October 2019	W	W	W	W	W	W	W	W	W	
September 2019	W	W	W	W	W	W	W	W	W	
October 2018	W	W	W	W	W	W	W	W	W	
Nevada										
October 2019	W	W	W	W	-	W	W	W	W	
September 2019	W	W	W	W		W	W	W	W	
October 2018	W	W	W	1,482.5	W		W	W	W	
Oregon				,						
October 2019	92.6	92.6	694.9	3,139.5	-	5.8	5.8	2.7	6.6	
September 2019	86.7	86.7	687.3	2,986.4	<u>-</u>	5.6	5.6_	2.9	6.1	
October 2018	95.2	95.2	760.7	2,980.4 W	W	6.0	6.0	W	W	
Washington	55.2	55.2	700.7	VV	VV	3.0	0.0	VV	VV	
October 2019	357.8	363.5	34/	5,129.1	W	30.4	30.6	W	W	
September 2019	357.8 360.8	366.6	W_	4,932.3			31.1			
October 2018	334.3	341.4			<u>vv</u>		29.5	W	W	
OCTOBEL 2019	334.3	341.4	VV	4,950.7	VV	29.3	29.5	VV	VV	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

			Premium					All grades		
	Sales to e	nd users	9	Sales for resale		Sales to en	d users		Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull
PAD District 4										
October 2019	W	W_	W_	W_		W_	W_	W_	W	
September 2019	W	W_	W_	W_		W_	W_	W_	W	
October 2018	W	63.5	W	W	W	W	W	W	12,959.5	V
Colorado										
October 2019	W	31.5	W	W	-	213.8	217.5	W	W	
September 2019	W	34.0	W_	W_		220.9	225.3	W_	W	
October 2018	W	29.8	W	W	-	211.4	216.4	W	5,319.5	٧
Idaho										
October 2019	W_	W_		258.3		W_	W_		1,751.1	
September 2019	W_	W_		275.5		W_	W_		1,767.5	
October 2018	W	W	-	243.4	-	W	W	-	1,688.1	
Montana										
October 2019	W	W		238.6		W	W_		1,502.3	
September 2019	W	W_		271.2		W	W_		1,612.0	
October 2018	W	W	-	W	-	W	W	-	1,477.8	
Utah										
October 2019	W	W	W	W	-	W	W	W	W	
September 2019	W	W	W	W		W	W_	W	W	
October 2018	W	W	W	W	W	W	W	W	3,442.3	V
Wyoming										
October 2019	W	W		148.5		W	12.7		1,028.1	
September 2019	W	W		177.7		W	14.0		1,121.2	
October 2018	W	W		W	-	W	13.0	-	1,031.8	
PAD District 5										
October 2019	955.2	961.2	4,063.0	W	W	5.451.7	5,519.6	19,451.6	35,132.3	1,656.
September 2019	1,031.9	1,037.7	4,278.3	W	W	5,675.7	5,740.7	19,713.1	34,707.2	1,963.
October 2018	1,031.9	1,037.0	4,293.7			5,992.1	6,066.7	19,/13.1_ W	34,707.2	1,903. \
	1,031.1	1,037.0	4,233.7	VV	VV	3,332.1	0,000.7	VV	34,310.3	v
Alaska October 2019	W	W	W	32.7	_	W	W	W	W	V
September 2019			W	34.5	-			78.6		<u>v</u>
October 2018		v v -		29.1	W	VV - W	V V	<u>/8.0</u> _ W	W	<u>v</u>
	VV	VV	VV	29.1	VV	VV	VV	VV	VV	v
Arizona October 2019	W	W	W	W		W	W	1,409.3	4 701 4	NI NI
		v v				vv -	v v		4,781.4	N
September 2019 October 2018	W		150.4	611.7 W	-	vv -		<u>W</u> _	4,793.6	<u>V</u>
	VV	VV	150.6	VV	VV	VV	VV	VV	4,840.6	V
California	200 5	200 5		2.642.0	14/	4 020 4	4.044.0	440400	40.254.0	4 220
October 2019	800.5	800.5_	W_	3,612.8	W	4,039.4	4,041.0_	14,818.8	18,254.9	1,228.
September 2019	870.4	870.4	3,503.6	3,722.7	325.2	4,239.7	4,241.4	15,184.7	18,140.3	1,473.
October 2018	865.1	865.1	3,489.4	3,412.7	352.4	4,573.5	4,574.9	15,377.8	17,517.4	1,952.
Hawaii										
October 2019	W		W	W	W	W	W	W_	W_	<u>.</u>
September 2019	W	<u>W</u> _	W	W	W	W	W	W	W_	<u>\</u>
October 2018	W	W	W	W	W	W	W	W	W	٧
Nevada										
October 2019			W	W		W	W		W_	
September 2019		<u>W</u> _	<u>W</u> _	W			<u>W</u> _	<u>W</u> _	W_	
October 2018	W	W	W	W	-	W	W	W	1,825.8	V
Oregon										
October 2019	14.0	14.0	120.5_	390.6		112.4	112.4_	818.2	3,536.8	
September 2019	13.8	13.8_	120.0_	404.7		106.1	106.1_	810.1_	3,397.3	
October 2018	13.8	13.8	124.5	372.3	-	115.0	115.0	W	3,455.4	\
Washington										
October 2019	47.1	47.4	220.9	W_	W		441.5	W_	6,126.4	<u>V</u>
September 2019	48.2	48.6	215.8	W_	W		446.4	W_	5,943.6	V
October 2018	44.1	44.3	227.8	W	W	407.7	415.2	W	5,911.4	V

^{- =} No data reported.

NA = Not available

W = Withheld to avoid disclosure of individual company data.

[[]a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding. Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state thousand gallons per day

		Co	nventional		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu
United States					
October 2019	14,954.6	15,307.3	4,212.3	192,658.8	11,011.
September 2019	14,807.3	15,148.2	4,165.6	188,673.6	10,339.
October 2018	14,882.3	15,220.8	4,274.1	188,861.1	15,130.
PAD District 1					
October 2019	W	W	W	51,264.7	
September 2019 October 2018			WW	50,093.2 50,558.9	\
Subdistrict 1A					
October 2019			W	W	
September 2019	-		W	W	
October 2018	-	-	W	W	
Connecticut					
October 2019			-		
September 2019 October 2018	-				
Maine					
October 2019				W	
September 2019		_	-	W	
October 2018	-	-	-	W	
Massachusetts					
October 2019			-		
September 2019					
October 2018	-	-	-	-	
New Hampshire October 2019			W		
September 2019			vv		
October 2018	-		vv W		
Rhode Island					
October 2019			-		
September 2019 October 2018	-	-	-	-	
Vermont					
October 2019	-	-	W	W	
September 2019			W	W	
October 2018	-	-	W	W	
Subdistrict 1B					
October 2019	W	W	W	W	1,126
September 2019	W	W	W	W	2,006
October 2018	W	W	W	6,177.5	\
Delaware					
October 2019	-		-		
September 2019	 				
October 2018	-	-	-	-	
District of Columbia					
October 2019 September 2019					
October 2018	-	-	-		
Maryland					
October 2019	-	-	-	435.5	
September 2019			-	485.8	
October 2018	-	-	-	392.2	
New Jersey					
October 2019				-	
September 2019 October 2018	-	-	-	-	\
New York					
October 2019	W	W	W	W	
September 2019		W		W	
October 2018	W	W	W	W	
Pennsylvania					
October 2019	W	W		W	
September 2019	W	W		W	\
October 2018	W	W		W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		R	eformulated		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
United States					
October 2019	8,623.1	8,705.8	17,124.6	78,231.6	2,024.
September 2019	8,828.0	8,904.1	17,450.8	78,718.5	2,774.
October 2018	9,466.3	9,491.4	17,611.8	77,547.5	2,742.
PAD District 1					
October 2019		W	W	W	V
September 2019	W	W	W	W	V
October 2018	W	W	W	28,512.7	V
Subdistrict 1A					
October 2019	W	W	-	5,528.2	
September 2019	W	W	-	5,373.2	
October 2018	W	W	W	5,542.1	V
Connecticut					
October 2019		W		2,785.0	
September 2019	-	W		2,695.3	
October 2018	-	W	W	2,675.5	V
Maine					
October 2019	- -	-	-	W	
September 2019	-	-	-	W	
October 2018	-	-	-	W	
Massachusetts	14/	***		4 265 0	
October 2019	<u>W</u>		-	1,365.8	
September 2019			-	1,315.3	
October 2018	W	W	-	1,423.9	
New Hampshire					
October 2019	<u>W</u>			W	
September 2019	<u>W</u>	W		W	
October 2018	W	W	-	W	
Rhode Island					
October 2019	<u>W</u>		-	W	
September 2019	<u>W</u>		-	<u>W</u>	
October 2018	W	W	-	W	
Vermont					
October 2019	-		-		
September 2019	-		-		
October 2018	-	-	-	-	
Subdistrict 1B					
October 2019	W	<u>W</u>	W	W	<u>V</u>
September 2019	W	W	W	W	<u>V</u>
October 2018	W	W	W	18,557.5	V
Delaware					
October 2019		W	-	1,169.7	
September 2019	W	W	-	2,184.0	
October 2018	W	W	-	1,203.3	
District of Columbia					
October 2019	-	-	-	-	
September 2019	-	-	-	-	
October 2018	-	-	-	-	
Maryland					
October 2019	-			4,169.2	
September 2019	-			4,025.4	
October 2018	-	-	-	3,936.9	
New Jersey		147	W	147	
October 2019				<u>W</u>	<u>V</u>
September 2019 October 2018		W		<u>W</u>	<u>W</u>
	VV	VV	VV	VV	V
New York	147	147	14/	147	
October 2019			W	<u>W</u>	<u>V</u>
September 2019					<u>V</u>
October 2018	W	W	W	W	V
Pennsylvania	147	147		147	
October 2019		W		W	<u>V</u>
September 2019		W		W	V
October 2018	W	W	-	W	V

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		All	formulations		
	Sales to end users		Sa	ales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
United States					
October 2019	23,577.7	24,013.2	21,336.9	270,890.4	13,036.8
September 2019	23,635.4	24,052.3	21,616.4	267,392.1	13,113.6
October 2018	24,348.6	24,712.2	21,885.8	266,408.6	17,872.7
PAD District 1					
October 2019	7,815.6	7,992.5	W	W	2,013.9
September 2019	7,789.3	7,951.4	W	W	3,754.1
October 2018	7,918.3	8,027.8	W	79,071.5	W
Subdistrict 1A					
October 2019		W	W	W	
September 2019	W	W	W	W	
October 2018	W	W	W	W	W
Connecticut					
October 2019		W		2,785.0	
September 2019		W		2,695.3	
October 2018	-	W	W	2,675.5	W
Maine					
October 2019	-			731.0	
September 2019			-	726.3	
October 2018	-	-	-	702.8	-
Massachusetts					
October 2019	W	W	-	1,365.8	
September 2019	W W	W		1,315.3	
October 2018	W	W	-	1,423.9	-
New Hampshire					
October 2019		W	W	W	
September 2019		W		W	
October 2018	W	W	W	W	-
Rhode Island					
October 2019		W		998.9	
September 2019	W	W	-	980.2	
October 2018	W	W	-	1,104.6	-
Vermont					
October 2019	-	-	W		
September 2019	- -		W	W	
October 2018	-	-	W	W	-
Subdistrict 1B					
October 2019	4,371.8	4,371.8	W	24,393.0	W
September 2019	4,444.3	4,444.3	W	25,519.7	W
October 2018	4,187.4	4,187.4	W	24,735.0	W
Delaware					
October 2019	W	W		1,169.7	
September 2019	W	W	-	2,184.0	
October 2018	W	W	-	1,203.3	-
District of Columbia					
October 2019	- -	-		-	
September 2019	- -	-		-	
October 2018	-	-	-	-	-
Maryland					
October 2019	-	-		4,604.7	
September 2019	-			4,511.2	
October 2018	-	-	-	4,329.1	-
New Jersey	147	147	14/	147	
October 2019			- $ -$		666.7 1,152.2
September 2019 October 2018	<u>W</u>			vv W	1,152.2
New York	VV	v V	۷V	4.0	1,001.3
October 2019	2,843.2	2 042 2	W	5,826.1	w
		2,843.2			
September 2019 October 2018	2,898.1	2,898.1	W	5,629.7 5,795.2	
	2,563.1	2,563.1	۷V	3,/33.2	VV
Pennsylvania October 2019	14/	W		W	14/
September 2019			-		W
October 2018			-		W
OCTOBEL 2019	VV	vV	-	VV	VV

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

			Conventional		
	Sales to end us	sers	Sales	for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu
Subdistrict 1C					
October 2019	W	W	-	W	١
September 2019	W		-		
October 2018	W	w			
Florida					
October 2019	W	W	_	W	\
September 2019	W	W		15,100.9	N
October 2018	W	W	-	15,770.3	
Georgia					
October 2019	W			9,445.6	
September 2019	W			W	'
October 2018	W	W	-	9,490.9	
North Carolina					
October 2019	W	W	-	10,133.0	
September 2019	W	w		9,874.4	
October 2018	W	W		9,839.3	
	vv	**		5,035.5	
South Carolina	147	147		4.070.6	
October 2019	W	W		4,870.6	
September 2019	<u>W</u>			4,715.6	
October 2018	W	W	-	4,761.4	
Virginia					
October 2019	- _			W	,
September 2019	<u>-</u>		<u>-</u>	W	
October 2018			-	W	
West Virginia					
October 2019	W	W		W	
		vv		vv	
September 2019					
October 2018	W	W	-	W	,
PAD District 2					
October 2019	W	W	-	W	1
September 2019	W	 W		W	
October 2018	 	7,438.1			
	vv	7,430.1		**	
Illinois					
October 2019		W		4,071.8	
September 2019	W	W		3,762.1	
October 2018	W	W	-	W	
Indiana					
October 2019	W	W	-	W	
September 2019	W	W	-	W	
October 2018	W	w			
lowa		••		••	
		14/		2.625.7	
October 2019				3,635.7	
September 2019				3,420.3	
October 2018	-	W	-	2,854.0	
Kansas					
October 2019	W	W	<u>-</u>	W	
	W				
September 2019		W		W	
September 2019 October 2018			<u></u>		
October 2018	 				
October 2018 Kentucky	W	W		W	
October 2018 Kentucky October 2019	W	w		W 3,332.4	
October 2018 Kentucky October 2019 September 2019	W 	W W		W 3,332.4 3,306.8	
October 2018 Kentucky October 2019 September 2019 October 2018	W	w		W 3,332.4	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan	W	W		W 3,332.4 3,306.8 W	
October 2018 Kentucky October 2019 September 2019 October 2018	W 	W W		W 3,332.4 3,306.8	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019	W	W		W 3,332.4 3,306.8 W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019	wwwwww	w		W 3,332.4 3,306.8 W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2019 October 2019				W 3,332.4 3,306.8 W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2019 October 2018 Minnesota	W	W W W W W W W W W W W W W W W W W W W		W 3,332.4 3,306.8 W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019	W W W W W	W W W W		W 3,332.4 3,306.8 W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019 September 2019	W	W		W 3,332.4 3,306.8 W W W W W W W W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019 September 2019 October 2019 October 2019	W W W W W	W W W W		W 3,332.4 3,306.8 W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019 September 2019 October 2019 September 2019 October 2018 Missouri	W	W		W 3,332.4 3,306.8 W W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019 September 2019 October 2019 September 2019 October 2018 Missouri October 2019	W	W		W 3,332.4 3,306.8 W W W W W W W W W W	
October 2018 Kentucky October 2019 September 2019 October 2018 Michigan October 2019 September 2019 October 2018 Minnesota October 2019 September 2019 October 2018 Minnesota October 2019 September 2019 October 2018 Missouri	W	W		W 3,332.4 3,306.8 W W W W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		Re	formulated		
	Sales to end users		Sal	es for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu
Subdistrict 1C					
October 2019	-	W	-	4,326.5	
September 2019	-	W	-	4,335.4	
October 2018				4,413.0	
Florida				1,12010	
October 2019					
					
September 2019	· 		· 		
October 2018	-	-	-	-	
Georgia					
October 2019	- -	-	-	-	
September 2019	- -	-	-	_ 	
October 2018	-	-	-	-	
North Carolina					
October 2019	-	-	-	-	
September 2019	-	<u>-</u>	<u>-</u>	-	
October 2018	-				
South Carolina					
October 2019	· 		-		
September 2019	· 	-	_		
October 2018	-	-	-	-	
Virginia					
October 2019	-	W	-	4,326.5	
September 2019	.	W	.	4,335.4	
October 2018	-	-	-	4,413.0	
West Virginia				,	
October 2019	_	_		_	
September 2019					
October 2018	· -				
October 2018	-	=	-	-	
AD District 2					
October 2019	W	W	-	W	
September 2019	W	W	<u>-</u>		
October 2018	W	W	<u>-</u>		
Illinois					
October 2019	W	W		W	
					
September 2019	<u>W</u>			<u>W</u>	
October 2018	W	W	-	W	
Indiana					
October 2019		W	-	986.7	
September 2019		W	-	945.1	
October 2018	W	W	-	932.9	
Iowa					
October 2019	_	_	_	_	
September 2019					
October 2018	·				
	-	-	-	-	
Kansas					
October 2019	-	-	-	-	
September 2019	-		-	-	
October 2018	-	-	-	-	
Kentucky					
October 2019	W	W	-	802.7	
September 2019		W	<u>-</u>	838.1	
October 2018				635.1	
	vv	vv	-	033.1	
Michigan					
October 2019	· 		-		
September 2019	-	-	-		
October 2018	-	-	-	-	
Minnesota					
October 2019	-	-	_	-	
September 2019	·			-	
October 2018	·				
Missouri	-	-	-	-	
				147	
October 2019	·		-	W	
September 2019	· 				
October 2018		_	_	W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		All	formulations		
	Sales to end users		Sale	es for resale	
Geographic area month Th	rough retail outlets	Total[a]	DTW	Rack	Bu
Subdistrict 1C					
October 2019	W	W		W	\
September 2019	W	W	-	W	
October 2018	w	w	-	W	V
Florida					
October 2019	W	W	_	W	١
September 2019		W		15,100.9	
October 2018	vv	W		15,770.3	
	VV	VV	-	13,770.3	
Georgia					
October 2019	<u>W</u>	\bar{M}_{-}	_	9,445.6	
September 2019	W	W	- 	W	'
October 2018	W	W	-	9,490.9	
North Carolina					
October 2019	W	W	-	10,133.0	
September 2019	w	w		9,874.4	
October 2018	W	W	<u>-</u>	9,839.3	
South Carolina	**	**		3,033.3	
				4.070.6	
October 2019				4,870.6	
September 2019		W	-	4,715.6	
October 2018	W	W	-	4,761.4	
Virginia					
October 2019	-	W		W	\
September 2019	<u>-</u>	W		W	
October 2018				W	
West Virginia					•
	14/	14/		14/	\
October 2019				<u>W</u>	
September 2019					<u>'</u>
October 2018	W	W	-	W	\
PAD District 2					
October 2019	W	W	-	86,497.0	821.
September 2019	W	W		84,145.2	958.
October 2018	W	W	<u>-</u>	85,232.9	1,743.
Illinois	**	**		03,232.3	1,743.
	14/	14/		14/	
October 2019		W			!
September 2019	W	W	-	W	!
October 2018	W	W	-	12,060.4	90.
Indiana					
October 2019	W	W	-	W	
September 2019	W	W	-	W	\
October 2018	W	W	-	W	\
lowa					
		W		2 625 7	
October 2019				3,635.7	
September 2019	-	W	-	3,420.3	
October 2018	-	W	-	2,854.0	
Kansas					
October 2019	W	W	<u> </u>	W	\
September 2019	W	W	-	W	\
October 2018	W	W	-	W	\
Kentucky	••	••			
	14/	W		4.135.1	
October 2019				4,135.1	
September 2019		W		4,145.0	
October 2018	W	W	-	W	\
Michigan					
October 2019	W	W	-	W	\
September 2019	W	W	-	W	\
October 2018	W	W	-	W	\
Minnesota	••			••	•
	147	14/		147	
October 2019	W	W	-		}
September 2019	W	W	-		!
October 2018	806.8	813.4	-	W	\
Missouri					
October 2019	-	W	_	W	V
September 2019		W	-	W	· · · · · · · · · · · · · · · · · · ·
October 2018		W	-	W	
COLONGI EUIO		v v		V V	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		Co	nventional		
	Sales to end users		Sal	es for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2019	W	W	-	1,795.4	
September 2019	W	W		1,726.9	
October 2018	W	W		1,744.2	
North Dakota	•			_,	
October 2019	W	W		978.2	
September 2019		vv		963.0	
October 2018		v v	· -		
	VV	VV	-	1,059.6	•
Ohio					
October 2019		W	-	W	
September 2019		W		W	<u>N</u>
October 2018	W	W	-	W	W
Oklahoma					
October 2019	W	W	-	4,376.1	341.4
September 2019	W	W	=	4,388.1	415.8
October 2018	W	W	<u>-</u>	4,311.5	775.0
South Dakota				,-	
October 2019	W	W		1,176.2	
September 2019		v v		1,164.4	
October 2018		v v	· -		
	VV	VV	-	1,104.6	-
Tennessee					
October 2019	W	W	-	10,216.8	
September 2019	W W	W	-	10,196.0	
October 2018	W	W	-	W	W
Wisconsin					
October 2019	W	W	-	4,109.9	-
September 2019	W	W	<u>-</u>	3,889.3	
October 2018	W	51.3	-	4,123.3	-
PAD District 3					
October 2019	W	W	234.2	W	W
September 2019	W	W	237.7	W	W
October 2018	1,079.1	1,118.3	W	W	W
Alabama	,	,			
October 2019	W	W	_	5,743.0	
September 2019	W	v v		5,640.2	
October 2018	vv	vv			
	-	VV	-	5,441.7	-
Arkansas					
October 2019		- 	-	3,378.5	
September 2019	- -	-	- -	3,258.5	
October 2018	-	-	-	3,155.5	
Louisiana					
October 2019	-	W	-	6,428.6	3,058.3
September 2019	<u>-</u>	W	<u>-</u>	6,351.8	2,948.0
October 2018		W		6,409.2	3,719.7
Mississippi				5,	-,
October 2019		_		2,948.3	812.5
		-	· 		
September 2019		-		2,993.5	549.5
October 2018	-	-	-	W	W
New Mexico					
October 2019	W	503.2	W	W	
September 2019	W	508.6	W	W	
October 2018	W	485.0	W	W	
Texas					
October 2019	W	W	W	W	W
September 2019		W	W		W
October 2018	W	W	W	W	W
	V V	V V	**	**	V V

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

Sales to end users Sales for resale	Bul
PAD District 2 (cont.) Nebraska October 2019	Bul
Nebraska October 2019 -	
Nebraska October 2019 -	
October 2019	
September 2019 -	
October 2018	
North Dakota October 2019 -	
October 2019 - <t< td=""><td></td></t<>	
September 2019 -	
October 2018 - <t< td=""><td></td></t<>	
Ohio October 2019 - - - September 2019 - - - October 2018 - - - Oklahoma October 2019 - - - September 2019 - - - October 2018 - - -	
October 2019	
September 2019 -	
October 2018 - <t< td=""><td></td></t<>	
Oklahoma October 2019 - - - September 2019 - - - October 2018 - - -	
October 2019	
October 2019	
September 2019	
October 2018	
South Dakota	
October 2019	
September 2019	
October 2018	
Tennessee	
October 2019	
September 2019	
October 2018	
Wisconsin	
October 2019 W W - 1,718.7	
September 2019 W W - 1,597.0	
October 2018 W W - 1,582.6	
•	
PAD District 3	
October 2019 W - W	
September 2019 W W - W	
October 2018 W	\
Alabama	
October 2019	
September 2019	
October 2018	
Arkansas	
October 2019	
September 2019	
October 2018	
Louisiana	
October 2019	
September 2019	
October 2018	
Mississippi	
October 2019	
September 2019	
October 2018	
New Mexico	
October 2019	
September 2019	
October 2018	
Texas	
October 2019 W - W	
September 2019 W W - W	
October 2018 W	· · · · · · · · · · · · · · · · · · ·

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		All f	ormulations		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bull
PAD District 2 (cont.)					
Nebraska					
October 2019	W	W	<u>-</u>	1,795.4	
September 2019	W	W		1,726.9	
October 2018	W	W	-	1,744.2	-
North Dakota					
October 2019	W	W	-	978.2	
September 2019	W	W	<u>-</u>	963.0	
October 2018	W	W	-	1,059.6	
Ohio					
October 2019	W	W	_	W	W
September 2019	W	w		W	W
October 2018	W	- - -		W	W
Oklahoma		••			•••
October 2019	W	W		4,376.1	341.4
September 2019				4,388.1	415.8
October 2018	W			4,311.5	775.0
	**	vv		4,311.5	773.0
South Dakota	14/	W		1 176 2	
October 2019			- 	1,176.2	
September 2019		W	-	1,164.4	
October 2018	W	W	-	1,104.6	-
Tennessee					
October 2019	<u>W</u>		-	10,216.8	
September 2019	W		-	10,196.0	-
October 2018	W	W	-	W	W
Wisconsin					
October 2019		W	-	5,828.6	
September 2019		W	-	5,486.2	
October 2018	W	W	-	5,705.9	-
PAD District 3					
October 2019	1,115.5	1,180.1	234.2	56,862.5	8,545.1
September 2019	1,090.5	1,153.8	237.7	55,984.4	6,438.1
October 2018	1,079.1	1,118.3	W	54,828.4	W
Alabama					
October 2019	W	W		5,743.0	
September 2019	W	W	.	5,640.2	
October 2018	-	W	-	5,441.7	-
Arkansas					
October 2019	-	-	-	3,378.5	-
September 2019	-	-	-	3,258.5	
October 2018	-	<u>-</u>	-	3,155.5	
Louisiana				,	
October 2019	_	W	_	6,428.6	3,058.3
September 2019		W		6,351.8	2,948.0
October 2018		W		6,409.2	3,719.7
Mississippi		**		0,403.2	3,713.7
October 2019	_	_	_	2,948.3	812.5
September 2019				2,993.5	549.5
October 2018	<u>-</u>		-	W	
New Mexico				**	VV
October 2019	W	502.2	W	W	
September 2019		503.2			-
		508.6		<u>W</u>	
October 2018	W	485.0	W	W	-
Texas	642.6	C45.6			4.5=1.0
October 2019	613.6	615.6	W	<u>W</u>	4,674.3
September 2019	580.1	581.3	<u>W</u>	W	2,940.5
October 2018	W	W	W	34,865.5	W

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

			Conventional		
	Sales to end users		Sa	ales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
PAD District 4					
October 2019	W	W	W	W	
September 2019	W	W	W	W	
October 2018	W	W	W	12,959.5	V
Colorado					
October 2019	213.8	217.5	W W	W	
September 2019	220.9	225.3	W W	W	
October 2018	211.4	216.4	W	5,319.5	V
Idaho					
October 2019	W W	W		1,751.1	
September 2019	W W	W		1,767.5	
October 2018	W	W	-	1,688.1	
Montana					
October 2019	W	W	-	1,502.3	
September 2019	W_	W		1,612.0	
October 2018	W	W	-	1,477.8	
Utah				, -	
October 2019	W	W	W	W	
September 2019	W	W	W	W	
October 2018	W	- v W	W	3,442.3	V
Wyoming	••			3, 1 12.3	•
October 2019	W	12.7		1,028.1	
September 2019	W	14.0	<u>-</u>	1,121.2	
October 2018	 	13.0		1,031.8	
	••	13.0		1,031.0	
PAD District 5					
October 2019	1,412.4	1,477.6		W	<u>W</u>
September 2019	1,436.0	1,498.3	W	W	541.
October 2018	1,418.5	W	W	13,843.3	V
Alaska					
October 2019		W	W	W	V
September 2019		W	78.6	W	V
October 2018	W	W	W	W	V
Arizona					
October 2019	W	W	W W	1,915.7	
September 2019	W W	W	W W	W	
October 2018	W	W	286.5	W	
California					
October 2019	-	-	-	W	٧
September 2019	-	-	-	-	V
October 2018	-	-	-	-	V
Hawaii					
October 2019	W	W	W	W	V
September 2019	W	W	W	W	V
October 2018	W	W	W	W	V
Nevada					-
October 2019	W	W	W	W	
September 2019		VV	W	 	
October 2018		v W		1,825.8	V
Oregon	••	**	••	1,023.0	•
October 2019	112.4	112.4	818.2	3,536.8	
September 2019	112.4	112.4	818.2	3,336.8	
October 2019	115.0	115.0	W	3,397.3	V
	115.0	113.0	VV	3,433.4	V
Washington	425.2	444.5	***	C 125 1	
October 2019	435.3	441.5	W	6,126.4	<u>V</u>
September 2019	440.0	446.4	W	5,943.6	<u>V</u>
October 2018	407.7	415.2	W	5,911.4	V

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated									
	Sales to end users		Sa	les for resale						
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul					
PAD District 4										
October 2019	_									
September 2019		-								
October 2018	-	-	-	-						
Colorado										
October 2019										
September 2019	-									
October 2018	-	-	-	-						
Idaho										
October 2019	-			-						
September 2019	<u>-</u>	<u>-</u>	<u>-</u>							
October 2018	-	-	-	-						
Montana										
October 2019	_	_	_	_						
September 2019										
October 2018										
	-	_	_	_						
Utah										
October 2019	-									
September 2019										
October 2018	-	-	-	-						
Wyoming										
October 2019	_									
September 2019										
October 2018	-	-	-	-						
PAD District 5										
October 2019	4,039.4	4,042.0	W	W						
September 2019	4,239.7	4,242.5	W	W	1,422					
October 2018	4,573.5	W	W	20,473.0	١					
Alaska										
October 2019	-	-	-	-						
September 2019	-	<u>-</u>	<u>-</u>	<u>-</u>						
October 2018	-	<u>-</u>	<u>-</u>	<u>-</u>						
Arizona										
October 2019	_	W	W	2,865.7	N					
September 2019		W	W	WW						
October 2018		W	W	W						
	-	VV	VV	VV	,					
California	4.020.4	***	110100	147	,					
October 2019	4,039.4		14,818.8	W						
September 2019	4,239.7	W	15,184.7	18,140.3	'					
October 2018	4,573.5	4,574.9	15,377.8	W	,					
Hawaii										
October 2019										
September 2019	_			-						
October 2018	-	-	-	-						
Nevada										
October 2019	-	-	-	-						
September 2019	-	-	-	-						
October 2018		-	-	-						
Oregon										
October 2019	_	_	_	-						
September 2019										
October 2018										
	-	-	-	-						
Washington										
October 2019										
September 2019 October 2018										
			_							

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

		All	formulations		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
PAD District 4					
October 2019	W	W	W	W	
September 2019	W	W	W	W	
October 2018	W	W	W	12,959.5	V
Colorado					
October 2019	213.8	217.5	W	W	
September 2019	220.9	225.3	W	W	
October 2018	211.4	216.4		5,319.5	V
Idaho	211.4	210.4	**	3,313.3	•
	\\	14/		1 751 1	
October 2019	<u>W</u>		· 	1,751.1	
September 2019	<u>W</u>			1,767.5	
October 2018	W	W	-	1,688.1	
Montana					
October 2019	W	W		1,502.3	
September 2019	W	W		1,612.0	
October 2018	W	W	-	1,477.8	
Utah					
October 2019	W	W	W	W	
September 2019		W	W	W	
October 2018	W		W	3,442.3	V
	VV	VV	VV	3,442.3	v
Wyoming					
October 2019	<u>W</u>	12.7		1,028.1	
September 2019	W	14.0		1,121.2	
October 2018	W	13.0	-	1,031.8	
PAD District 5					
October 2019	5,451.7	5,519.6	19,451.6	35,132.3	1,656.6
September 2019	5,675.7	5,740.7	19,713.1	34,707.2	1,963.3
October 2018	5,992.1	6,066.7	W	34,316.3	V
Alaska					
October 2019	W	W	W	W	V
September 2019	W		78.6	W	V
October 2018	W	W	W	W	V
Arizona					-
	14/	14/	1 400 3	4 701 4	NI.
October 2019	<u>W</u>		1,409.3	4,781.4	<u>N</u>
September 2019	<u>W</u>		W	4,793.6	V
October 2018	W	W	W	4,840.6	V
California					
October 2019	4,039.4	4,041.0	14,818.8	18,254.9	1,228.
September 2019	4,239.7	4,241.4	15,184.7	18,140.3	1,473.
October 2018	4,573.5	4,574.9	15,377.8	17,517.4	1,952.
Hawaii					
October 2019	W	W	W	W	٧
September 2019		W		W	<u>·</u> V
October 2018	W W		W	W	<u>v</u>
	VV	VV	VV	VV	V
Nevada					
October 2019	<u>W</u>	W		W	
September 2019	W	-	W	W	
October 2018	W	W	W	1,825.8	\
Oregon					
October 2019	112.4	112.4	818.2	3,536.8	
September 2019	106.1	106.1	810.1	3,397.3	
October 2018	115.0	115.0	W	3,455.4	V
Washington				-,	_
October 2019	435.3	441.5	W	6,126.4	V
September 2019	440.0	446.4	W	5,943.6	<u>V</u>
October 2018	407.7	415.2	VV	5,911.4	V
October 2018	407.7	415.2	W	5,911.4	

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[[]a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

 $Sources: - U.S.\ Energy\ Information\ Administration\ Form\ EIA-782A,\ Refiners'/Gas\ Plant\ Operators,\ Monthly\ Petroleum\ Product\ Sales\ Report.$

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

	Aviation gas	soline	Kerosene-typ	e jet fuel	Keros	ene	No. 1 dist	tillate	Propane (const	ımer grade)
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales fo resale
	users	resaic	users	resare	users	resare	users	resaic	users	Tesar
United States		450.5	24 020 0	40.440.7	147	4.425.6	20.0	4 246 6	2 000 0	20 544
October 2019	W	459.5	31,039.0	40,418.7	W	1,135.6	98.0	1,316.6	3,080.0	29,511.
September 2019 October 2018	vv	461.9_ 532.3	32,130.6 32,140.0	44,285.5 37,875.6	2.0_ W	1,198.3 1,007.5	63.3 77.8	405.4 1,245.8	3,431.0 4,184.8	27,721. 28,478.
	VV	332.3	32,140.0	37,673.0	VV	1,007.5	77.0	1,245.6	4,104.0	20,470.0
PAD District 1										
October 2019		147.7	5,293.0	7,971.8	4.6_	338.5_	-	W_	- -	3,937.
September 2019		135.1	5,614.4	8,492.3		435.8_	- -	<u>W</u>	- -	3,554.
October 2018	W	127.0	5,960.3	5,907.1	W	461.1	-	VV	W	5,115.
Subdistrict 1A										
October 2019	 -	W_	173.9	1,074.5	W			- -	- -	436.
September 2019	<u>W</u>	W	151.6	1,038.9			- -		- -	330.
October 2018	-	W	225.6	824.6	W	-	-	-	W	865.
Connecticut October 2019			W	W						F2
September 2019	-	- -		<u>v</u> v	- -	- _	-	-	- -	53 28.:
October 2018			W	W					· - -	96.
Maine			**	**						50.
October 2019		W	W	W		_	_			155.
September 2019	W	W	W							123.
October 2018		W	W	W					W	264.
Massachusetts										
October 2019			W	894.5	W		-	-	-	V
September 2019			W	987.6	W					V
October 2018	-	-	W	773.3	W	-	-	-	-	114.0
New Hampshire										
October 2019			W_		W_				- _	79.2
September 2019	-		W		W_				- _	47.:
October 2018	-	-	W	W	W	-	-	-	-	102.3
Rhode Island										
October 2019	-	- -	<u>W</u>	W_	<u>W</u> _		-		- -	<u>W</u>
September 2019	-		<u>W</u>	W	<u>W</u> _		- -		- -	<u>V</u>
October 2018 Vermont	-	-	W	W	VV	-	-	-	-	V
October 2019			W	W						٧
September 2019			vv	v v -						v
October 2018			W	W	<u>-</u>			<u>-</u>	w	v
			••						••	•
Subdistrict 1B	14/	14/	2 200 4	4.004.6	2.2	200.0		14/		4 505 /
October 2019 September 2019	W	<u>W</u> _	2,368.1 2,570.7	4,981.6_ 5,974.0	3.2_ 1.0	289.9 W	-	W_	- -	1,585.1 1,408.2
October 2018	W	W	2,653.4	3,379.5	4.6	396.5	·		-	1,977.2
Delaware	**	**	2,055.4	3,373.3	4.0	330.3		•••		1,577.2
October 2019	_	_	_	_	W			_	_	V
September 2019			<u>-</u>	<u>-</u>	W	W		<u>-</u>	<u>-</u>	<u>·</u>
October 2018			-	W	W	W			-	135.
District of Columbia										
October 2019			-	-	-		-		-	
September 2019					-		-			
October 2018	-	-	-	-	-	-	-	-	-	
Maryland										
October 2019			W_	W_		W			- _	V
September 2019	-		W	61.9		W_	- _		- _	V
October 2018	-	-	W	W	-	W	-	-	-	44.0
New Jersey										
October 2019	_ 	- -	854.8	3,743.6	<u>W</u> _	W_	- -	-	- -	270.
September 2019	-		1,053.1	3,873.8_	<u>W</u> _	211.4	- _		- -	243
October 2018	-	-	1,092.5	2,939.9	W	299.1	-	-	-	248.
New York			4 222 4			24.5				245
October 2019	-	W	1,232.4	W_	W	31.6		W	- -	346.
September 2019	-	<u>W</u> _	1,225.5	71.8	W	9.8	- -	W_	- -	253.
October 2018	-	W	1,275.6	72.7	W	32.2	-	VV	-	405.
Pennsylvania	14/	14/	14/	1 000 4	1.0	\4/		14/		700 (
October 2019 September 2019		W_	W	1,098.1		W_	-	W_	- -	799.
October 2018	- W	W	W	1,966.5 298.8			-		- -	749.! 1,143.:
OCCUDET 2010	VV	vV	VV	۷٥٠٥	1.0	VV		VV	-	1,145

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation gas	soline	Kerosene-typ	e jet fuel	Kerose	ne	No. 1 di	stillate	Propane (consu	mer grade)
Geographic area	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end	Sales for resale	Sales to end	Sales for resale	Sales to end	Sales fo
nontn	users	resale	users	resale	users	resale	users	resale	users	resai
Subdistrict 1C										
October 2019	W	105.5_	2,751.0	1,915.7	W_	48.6	- _		-	1,916.
September 2019	W	90.2	2,892.2	1,479.4	W		- _		-	1,816.
October 2018	W	97.6	3,081.3	1,703.0	W	64.6	-	W	-	2,272.
Florida										
October 2019	-	73.5	1,684.3	1,369.2	W	- -	- _	- -	-	285.
September 2019	-	62.4	1,817.4	1,026.4	W	- -	- _	- -	-	299.
October 2018	-	64.7	2,103.9	1,168.5	W	-	-	-	-	307.
Georgia	144	14/		00.4						444
October 2019		W	<u>W</u>	88.1		W	- -	<u>W</u> _	-	411.
September 2019	W	W	<u>W</u>	73.3		W	- _	<u>W</u>	-	331.
October 2018	W	W	W	92.6	-	W	-	VV	-	483.
North Carolina				227.0		44.2				62.4
October 2019	-	W	<u>W</u>	237.9	<u>W</u>	44.2	- _	- -	-	624.
September 2019	-	W _	W	153.5	W	W W	- _	- -	-	630.
October 2018	-	VV	W	266.5	W	VV	-	-	-	677.
South Carolina				14/		147				250
October 2019	-	- -	<u>W</u>	W	<u>W</u>	W_	-	- -	-	350
September 2019	-	- -	<u>W</u>	W_	<u>W</u>	W_	-	- -	-	296
October 2018	-	-	W	76.4	W	W	-	-	-	517.
Virginia		14/	525.2	440.4		147				
October 2019	-	W	535.2	140.4	- -	W	- -		-	'
September 2019	 -	W	555.2	158.2	<u>-</u>	W_	- _	- -	-	100
October 2018	-	W	473.2	W	-	W	-	-	-	100.
West Virginia				14/	147					
October 2019	-			W_		⁻ -	- -	- -	· -	\
September 2019 October 2018	-	-	- W	W - W	W	- -	- -		-	185.
PAD District 2										
October 2019	W	94.8	6,218.5	5,051.0	W_	W_	15.0	738.4	W_	12,671.
September 2019	W	94.7	6,437.3	4,867.2	W	W	8.1	181.4	W	8,627.
October 2018	W	W	6,543.5	5,037.5	W	W	7.2	726.5	W	11,846.
Illinois										
October 2019	W	W	1,622.3	W	W	W	W	38.7		2,217.
September 2019	W	W	1,588.5	W	W	W	W	W		1,469
October 2018	W	W	1,568.7	W	W	W	W	12.5	W	1,551
Indiana										
October 2019			829.7	234.0	W	8.3		W		318
September 2019			935.8	281.4	W	W		W		249
October 2018	-	-	995.6	238.8	W	10.6	-	W	-	200
Iowa										
October 2019	-	-	W	90.6	-	W	-	47.5	W	955.
September 2019			W_	84.3		W_		15.8	W_	267.
October 2018	-	-	W	83.1	-	-	-	36.3	W	1,133.
Kansas										
October 2019	W	W_	W_	W_		W	W_	76.8	 .	3,910.
September 2019	W_	W	W	W		W	W	14.4	-	2,602
October 2018	W	W	W	W	-	W	W	64.9	-	3,210.
Kentucky										
October 2019		W_	1,336.9	367.0	W_	W_		W	W_	515
September 2019	W_	W	1,194.7	349.0	W_	W	W	W	W_	464
October 2018	-	W	1,118.1	W	W	W	W	W	W	631
Michigan										
October 2019			W_	480.1	W_	W	W	6.0	W_	655
September 2019			W	477.2	W_	W	W	7.5	W	664
October 2018	W	-	W	432.0	W	W	W	W	W	563
Minnesota										
October 2019	W	W_	76.6	1,099.9	W_	W	W	140.3	W	753
September 2019	W	W	75.0	1,085.7	W	W	W	29.5	W	330
	W	W	161.6	W	W	W	W	143.7	W	1,046
October 2018										
October 2018 Missouri										
	W	W_	W_	W_		W_	W_	4.5		446
Missouri	W W	W_	W	W W				4.5 W		446. 270.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation gas	soline	Kerosene-typ	e jet fuel	Kerosen	ie	No. 1 di	stillate	Propane (consu	mer grade)
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales fo resal
PAD District 2 (cont.) Nebraska										
October 2019	W	-	W	W	-	-	W	63.3	W	298.
September 2019	W		W	W			W	W	W	159.
October 2018	W		W	W			W	47.8		289.
North Dakota										
October 2019	_	_	W	W	W	_	W	227.4	W	645.
September 2019			W		 		W	W		545.
October 2018			V	v v -	v		W	198.7	 - - - - - -	710.
Ohio			**	**	**		**	130.7	**	710.
	W	14/	476.2	F2F 2	W	W		W		711.
October 2019		W	476.2	535.3_			- -		-	
September 2019	<u>W</u>		448.3	570.5		W_	- -		-	667.
October 2018	W	W	480.7	541.8	W	W	-	W	-	699.
Oklahoma										
October 2019	W		W	550.4	- -	W_	- _	W	.	348.
September 2019	W		W	454.5		W_	- -	W	W	259.
October 2018	W	-	W	566.4	-	W	-	W	-	304.
South Dakota										
October 2019	-	-	W	-	-	-	W	60.1	W	134.
September 2019	-		W	-			W	W	W	102.
October 2018	W		W				W	39.5	W	255.
Tennessee										
October 2019	W	18.5	W	215.2	W	W	_	W	_	170.
September 2019	W	<u>10.5</u> _	W	147.9	W	W		W		152.
October 2018		16.4	V V	192.0	W	W		W		187.
	VV	10.4	VV	192.0	VV	VV	-	VV	-	107.
Wisconsin			14/	45.2	141		147	25.4	141	500
October 2019	-	- -	W	15.2		 -	W_	35.4		589.
September 2019	-	- -	W	15.7_	W	W_	W_	W	W	421.
October 2018	-	-	62.6	W	W	W	W	34.4	W	678.
PAD District 3										
October 2019	W	115.2	5,907.9	17,250.4	-	728.2	-	-	2,855.0	9,874.
September 2019	W	136.4	5,539.7	20,108.5		735.4			3,312.0	12,901.
October 2018	W	130.1	5,463.0	17,842.9		441.4	-	W	3,793.7	8,704.
Alabama			5,15515	,					0,10011	-,
October 2019		W	86.6	75.4		W				266.
September 2019		VV	153.4	67.7		W				159.
	 -	W			-		- -	-	-	
October 2018	-	VV	72.2	71.2	-	W	-	-	-	249.
Arkansas										
October 2019	W		W_	W_			- _		.	<u>\</u>
September 2019	-		W	W_					-	\
October 2018	-	-	W	W	-	-	-	-	-	١
Louisiana										
October 2019	-	7.4	690.0	3,606.0		W	-		W	176.
September 2019	-	7.2	1,046.1	4,858.2	-	W	-	-	776.9	451.
October 2018	W	6.5	604.6	6,046.0		W		W	977.5	192.
Mississippi										
October 2019	_	W	943.5	1,978.9	_	W	_	_	_	462.
September 2019		W	1,070.4	2,996.3						358.
October 2018	<u>-</u>	W	962.8	1,946.0	<u>-</u>	W				436.
	=	VV	302.0	1,540.0	=	VV	-	-	-	430.
New Mexico	147		147							
October 2019	<mark>W</mark>	- -	W	W_	-	- -	- _		-	<u>\</u>
September 2019	<mark>W</mark>		W	W_			- - -		-	!
October 2018	W	-	W	W	-	-	-	-	-	١
Texas										
October 2019	W	104.5	4,114.2	11,461.4		W			W_	8,842
September 2019	W	W	3,196.4	12,076.4		W			2,535.2	11,798.
October 2018	W	W	3,750.7	9,674.2		W			2,816.3	7,689.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation gas	soline	Kerosene-typ	Kerosene-type jet fuel		Kerosene		stillate	Propane (consumer grade)	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales fo resal
PAD District 4										
October 2019	W	W	1,002.4	993.9	W	_	W	W	W	1,116.
September 2019	W	W	1,053.0	1,227.7	<u>-</u>		W	W	W	976.
October 2018	W	W	930.0	1,016.4	W		W	171.4	W	1,021.
Colorado				,						,-
October 2019	W	_	343.6	640.3	_	_	W	70.0	_	409.
September 2019	W		371.1	821.4				10.3	W	372.
October 2018			285.7	654.3				53.4		386.
Idaho	**		203.7	054.5				55.4	**	300.
October 2019			W	16.4	W		W	W	W	48.
September 2019	 -		vv	23.1			W	2.6	v v	52.
October 2018	 -		vv	25.3	W		W	W	v v	47.
	-	-	VV	25.5	VV	-	VV	VV	VV	47.
Montana										
October 2019	W	W_	W	W_	-		W_	67.7	W	133.
September 2019	W	W_	W	W_	 _		W_	18.6	W	134.
October 2018	-	W	W	W	-	-	W	43.0	W	122.
Utah										
October 2019	W	W	482.9	256.0	-		W_	23.9		104.
September 2019	W	W_	483.9	285.8	-		W_	W	-	84.
October 2018	W	W	473.5	269.1	-	-	-	W	-	122.
Wyoming										
October 2019	_	-	W	W	-	-	-	49.5	-	420.
September 2019			W	W	-			5.7		331.
October 2018			W	W	-		W	53.2	-	343.
PAD District 5										
October 2019	W	W	12,617.2	9,151.6	W	W	W_	350.1	W_	1,911.
September 2019	W	W	13,486.2	9,589.8	W	W	W	180.4	W_	1,661.
October 2018	W	175.9	13,243.2	8,071.7	-	W	W	342.8	W	1,790.
Alaska										
October 2019	W	W	W_	W	-		W_	W	W	V
September 2019	W	W	W_	W			W_	W	W	V
October 2018	W	W	W	W	-	-	W	W	W	V
Arizona										
October 2019	W	W	W	205.5	-	_	_	-	-	139.
September 2019	W	W	W	158.1						122.
October 2018	W	W	75.6	367.2	-					130.
California	•									
October 2019	W	33.4	7,336.8	7,149.7	W	W	_	_		1,177.
September 2019	v	38.6	7,585.3	7,489.7	W	W				971.
October 2018	- W	W	8,055.4	6,187.5	<u>v</u> v	W				1,043.
	vv	VV	0,033.4	0,107.3	-	vv	-	-	-	1,043.
Hawaii			141	***						
October 2019	-	- -	<u>W</u>	W	-	- -	- -		- - :	<u>V</u>
September 2019	-	 -	<u>W</u>	<u>W</u> _	-	- -	- -		- - :	<u>V</u>
October 2018	-	W	W	W	-	-	-	-	-	V
Nevada										
October 2019	-		W	W_					-	55.
September 2019	-		W_	W_					-	54.
October 2018	-	-	W	226.7	-	-	-	-	-	118.
Oregon										
October 2019	-	10.4	466.0	W	-		_	W	W	84.
September 2019		17.2	473.2	W				W	W	V
October 2018		20.3	425.4	66.5				W	W	71.
Washington				23.5				•••	••	,
October 2019	_	W	1,831.3	439.3			W	W	W	403.
	-				-					
September 2019	-	W	2,149.5	535.6_	 -		W_	W	W	417.
October 2018	-	W	2,138.6	276.2	-	-	-	W	W	386.

^{- =} No data reported.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding. Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales for resale Sales to end users Sales for resale Sales to end users Sales for resale United States October 2019 10,791.5 1,371.9 167,219.5 W W 11,901.6 158,790.5 September 2019 W W 1,542.0 October 2018 13,071.8 159,451.1 W ۱۸/ W W PAD District 1 October 2019 W 31.144.4 W September 2019 W 29,644.1 W October 2018 W W W Subdistrict 1A October 2019 W W September 2019 W 1,281.3 October 2018 W 1,774.4 Connecticut October 2019 W W 573.0 September 2019 W October 2018 W 637.2 Maine October 2019 W September 2019 W October 2018 W Massachusetts October 2019 W W September 2019 W W October 2018 W W **New Hampshire** October 2019 W W September 2019 W W W October 2018 W **Rhode Island** October 2019 W 274.4 September 2019 W 289.9 October 2018 W W Vermont October 2019 W September 2019 W October 2018 W W Subdistrict 1B October 2019 W W W September 2019 W W W October 2018 W W W Delaware October 2019 W W September 2019 W W October 2018 W 605.1 District of Columbia October 2019 W September 2019 W October 2018 W Maryland 1,472.8 October 2019 W W September 2019 W 985.4 W October 2018 W 1,291.1 W New Jersey October 2019 W W W September 2019 148.9 W W October 2018 173.6 6,158.0 New York October 2019 209.1 W W September 2019 207.3 W W October 2018 W W W Pennsylvania 4,066.3 October 2019 W September 2019 W W October 2018 5,196.9 W

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales for resale Sales to end users Sales for resale Sales to end users Sales for resale Subdistrict 1C 895.3 October 2019 16,490.0 831.0 September 2019 W October 2018 927.0 15,328.7 Florida October 2019 227.8 5.119.7 September 2019 202.0 4.288.5 October 2018 255.6 4,901.7 Georgia 49.1 October 2019 3,003.4 September 2019 54.5 2,943.6 October 2018 75.4 2,641.3 North Carolina October 2019 323.8 W September 2019 370.3 W W October 2018 416.3 South Carolina October 2019 1,657.7 W September 2019 W 1,591.4 October 2018 W W Virginia October 2019 6.5 W September 2019 6.0 2,323.4 October 2018 W W West Virginia October 2019 W W September 2019 W W October 2018 W W PAD District 2 October 2019 W 52,380.5 September 2019 W 48,677.4 October 2018 W W Illinois October 2019 166.1 7,616.6 September 2019 334.7 7,548.3 October 2018 372.2 7,192.6 Indiana October 2019 5,106.5 W September 2019 W 4,240.7 October 2018 W 4,219.5 Iowa October 2019 29.3 2.553.1 September 2019 24.2 1,904.7 October 2018 19.6 2,314.4 Kansas October 2019 3,876.0 358.3 September 2019 W 3,894.0 October 2018 413.7 3,651.6 Kentucky October 2019 375.3 1,936.2 1,876.8 September 2019 376.8 October 2018 469.6 2,027.5 Michigan October 2019 174.6 2,989.8 September 2019 230.8 W W October 2018 242.3 Minnesota October 2019 W W September 2019 W W October 2018 W W Missouri October 2019 1.0 1,854.6 September 2019 1.5 1,650.0 October 2018 1,699.8

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales for resale Sales to end users Sales for resale Sales to end users Sales for resale PAD District 2 (cont.) Nebraska October 2019 1,695.9 W September 2019 W 1,423.1 1,560.4 October 2018 W North Dakota October 2019 W 1,479.2 1,572.5 September 2019 W October 2018 W 1,644.5 Ohio October 2019 422.7 5,755.3 September 2019 597.5 5,643.3 October 2018 788.1 5,773.4 Oklahoma October 2019 225.0 6,931.7 September 2019 210.3 7,208.7 October 2018 W 7,379.7 South Dakota October 2019 W 726.4 September 2019 W 653.8 October 2018 W 768.5 Tennessee October 2019 205.6 4,049.6 3,607.4 September 2019 318.7 October 2018 363.7 3,829.8 Wisconsin October 2019 W W September 2019 W W October 2018 W 2,331.7 PAD District 3 October 2019 2,549.7 55,389.5 500.9 51,280.5 September 2019 2,634.9 535.1 October 2018 2,840.3 49,107.0 W W Alabama October 2019 173.6 1,808.4 September 2019 169.9 1,964.7 October 2018 1,826.8 137.8 Arkansas October 2019 W 1,709.8 September 2019 1,519.5 W October 2018 W 1,486.0 Louisiana October 2019 182.5 W W September 2019 155.7 W W October 2018 W 207.1 W W Mississippi October 2019 37.7 W September 2019 35.0 2,494.1 October 2018 41.9 W New Mexico October 2019 289.5 1,081.6 September 2019 254.4 1,035.3 October 2018 432.6 1,275.4 Texas October 2019 W W W September 2019 W W W October 2018

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales for resale Sales to end users Sales for resale Sales to end users Sales for resale PAD District 4 7,409.2 October 2019 W 7,408.7 September 2019 W October 2018 W 6,967.1 Colorado October 2019 208.9 2.205.1 September 2019 201.9 2.173.3 October 2018 238.8 2,208.0 Idaho October 2019 W 972.9 September 2019 W 875.6 October 2018 W 769.1 Montana October 2019 W 1,214.3 September 2019 1.180.9 W October 2018 W 1,179.9 Utah October 2019 W 1,926.5 September 2019 W 1,838.9 October 2018 1,556.6 W Wyoming October 2019 414.0 1,090.4 September 2019 290.3 1,340.0 October 2018 334.3 1,253.5 PAD District 5 October 2019 W 20,895.9 W W W September 2019 W 21,779.8 W W W W October 2018 W W W W Alaska October 2019 W W September 2019 W W October 2018 W W Arizona October 2019 465.2 837.6 September 2019 463.6 884.5 October 2018 990.0 442.2 California October 2019 1,094.6 W W September 2019 1,076.7 W W October 2018 1,295.0 W W Hawaii October 2019 W W W W W September 2019 W W W W W October 2018 W W W W W Nevada October 2019 W 519.1 September 2019 W 488.3 October 2018 W 508.4 Oregon October 2019 24.9 2,389.5 2,086.8 September 2019 28.0 2,224.9 October 2018 3.9 Washington October 2019 201.5 W W W September 2019 W W W October 2018 W 3.486.6

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state thousand gallons per day

	No. 2 fuel oil		No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resa	
United States					
October 2019	150.6	6,193.1	11,427.5	174,784	
September 2019	80.7	4,137.9	12,307.8	164,470	
October 2018	60.5	9,708.5	13,351.4	170,940	
DAD District 1					
PAD District 1 October 2019	W	W	1,486.7	36,539	
September 2019			1,502.5	32,602	
October 2018		6,612.3	1,638.3	38,432	
	••	0,012.3	1,030.3	30,432	
Subdistrict 1A					
October 2019	-	W	<u>W</u>	2,968	
September 2019	- -	482.1		1,763	
October 2018	-	1,135.5	W	2,909	
Connecticut		14/	14/	1 267	
October 2019		W	W	1,267	
September 2019 October 2018	· -	233.2 524.2	W	806	
	-	324.2	VV	1,161	
Maine October 2010		W		111	
October 2019 September 2019		vv V V		179	
October 2018	·	v v W	-	1/9	
Massachusetts	-	VV	-		
October 2019		W	W	528	
September 2019		vv W	W	299	
October 2018	-	 W	 	409	
New Hampshire		••	••	103	
October 2019	_	W	W		
September 2019	·		W		
October 2018	-	W	W		
Rhode Island					
October 2019	-	224.5	W	498	
September 2019	-	58.0	W	347	
October 2018	-	W	W		
Vermont					
October 2019	-	W	-		
September 2019		W			
October 2018	-	W	W		
Subdistrict 1B					
October 2019	W	3,665.5	W	17,008	
September 2019		2,214.9		15,888	
October 2018		5,116.5	 	19,833	
Delaware		3,113.3	••	15,050	
October 2019	_	W	W		
September 2019	-	 W	 		
October 2018	·	W	w		
District of Columbia					
October 2019	-	-	-		
September 2019	-				
October 2018	-				
Maryland					
October 2019	-	W	W	1,589	
September 2019	W	W		1,039	
October 2018	-	W	W	1,454	
New Jersey					
October 2019	W	2,729.3	128.2	9,028	
September 2019	- .	1,556.2	148.9	7,651	
October 2018	-	3,329.6	173.6	9,487	
New York					
October 2019	<u> </u>	464.2	209.1	1,653	
September 2019	-	332.3	207.3	1,377	
October 2018	W	357.8	190.9	1,801	
Pennsylvania					
October 2019	W	274.8	142.0	4,341	
September 2019	W	W	194.3	5,374	
October 2018	W	707.4	292.6	5,904	
				, , , , , , , , , , , , , , , , , , , ,	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.) thousand gallons per day

	No. 2 fuel oil		No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	
Subdistrict 1C					
October 2019	-	73.2	895.3	16,563.2	
September 2019	.	W	831.0	14,950.7	
October 2018	-	360.4	927.0	15,689.1	
Florida					
October 2019	-	-	227.8	5,119.7	
September 2019	-		202.0	4,288.5	
October 2018			255.6	4,901.7	
Georgia				.,	
October 2019			49.1	3,003.4	
September 2019			54.5	2,943.6	
October 2018			75.4	2,641.3	
North Carolina			75.4	2,041.5	
October 2019		W	323.8	2 107 2	
		v v		3,197.2	
September 2019	-	W	370.3	3,013.1	
October 2018	-	VV	416.3	2,892.1	
South Carolina					
October 2019		- -	W	1,657.7	
September 2019	.	-	W	1,591.4	
October 2018	-	W	W	1,670.8	
Virginia					
October 2019	-	W		2,587.8	
September 2019	.	-	6.0	2,323.4	
October 2018	-	W	W	2,731.4	
West Virginia					
October 2019	_	W	W	997.4	
September 2019	-	w	W	790.7	
October 2018		w	W	851.8	
PAD District 2					
October 2019	W		3,334.7	52,495.4	
September 2019	W	75.7	4,563.3	48,753.1	
October 2018	W	W	4,896.9	50,049.7	
Illinois					
October 2019	.	_	166.1	7,616.6	
September 2019	-	_	334.7	7,548.3	
October 2018	-	-	372.2	7,192.6	
Indiana					
October 2019	.	-	W	5,106.5	
September 2019	<u>-</u>	-	W	4,240.7	
October 2018	-	-	W	4,219.5	
Iowa					
October 2019	_	_	29.3	2,553.1	
September 2019			24.2	1,904.7	
October 2018			19.6	2,314.4	
Kansas			13.0	2,314.4	
			250.2	2.076.0	
October 2019	-	-	358.3	3,876.0	
September 2019	-	-		3,894.0	
October 2018	-	-	413.7	3,651.6	
Kentucky					
October 2019	.	-	375.3	1,936.2	
September 2019	.		376.8	1,876.8	
October 2018	-	-	469.6	2,027.5	
Michigan					
October 2019	-	110.4	174.6	3,100.2	
September 2019	-	72.3	230.8	2,720.9	
October 2018	<u>-</u>	W	242.3	2,668.9	
Minnesota				•	
October 2019	W	W	305.8	3,280.0	
September 2019	W	W	316.4	2,593.4	
October 2018	 	vv W	340.4	2,987.4	
Missouri	**	**	540.4	2,307.4	
October 2019			1.0	1 0 5 4 6	
September 2019	.	-		1,854.6	
·		 :	1.5	1,650.0	
October 2018	<u> </u>	<u>-</u>	2.8	1,699.8	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.) thousand gallons per day

	No. 2 fuel oil		No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resa	
PAD District 2 (cont.)					
Nebraska					
October 2019	-	_	W	1,695	
September 2019	-		W	1,423	
October 2018			W	1,560	
North Dakota			**	1,500	
October 2019	W		W	1 470	
				1,479	
September 2019		-		1,572	
October 2018	W	-	W	1,644	
Ohio					
October 2019	.		422.7	5,755	
September 2019	-	-	597.5	5,643	
October 2018	-	-	788.1	5,773	
Oklahoma					
October 2019	-	-	225.0	6,931	
September 2019	-	-	210.3	7,208	
October 2018			W	7,379	
South Dakota			**	7,37	
	VA/		14/	72/	
October 2019		-		726	
September 2019		-		653	
October 2018	W	-	W	76	
Tennessee					
October 2019	.	.	205.6	4,049	
September 2019	.		318.7	3,60	
October 2018	-	-	363.7	3,829	
Wisconsin					
October 2019	W	W	45.8	2,534	
September 2019	W	W	56.3	2,215	
October 2018	W	-	55.9	2,331	
PAD District 3					
October 2019	_	937.0	2,549.7	56,82	
September 2019		1,332.4	2,634.9		
October 2018	-	3,030.7	2,840.3	53,148	
	-	3,030.7	2,840.3	53,043	
Alabama			4=0.0		
October 2019	.	.	173.6	1,808	
September 2019	-		169.9	1,96	
October 2018	-	-	137.8	1,82	
Arkansas					
October 2019	.		W	1,709	
September 2019	-	-	W	1,519	
October 2018	-	-	W	1,480	
Louisiana				, -	
October 2019		W	182.5	10,26	
	· 				
September 2019	· 	693.1	155.7	13,500	
October 2018	-	W	207.1	11,542	
Mississippi					
October 2019	-	W		2,24	
September 2019	.	.	W	2,49	
October 2018	-	W	W	2,96	
New Mexico					
October 2019	-	-	289.5	1,08	
September 2019			254.4	1,03	
October 2018	·	-	432.6	1,27	
	-	-	432.0	1,2/3	
Texas					
October 2019	- -	672.8		39,715	
September 2019	-	639.3	1,922.5	32,633	
October 2018		1,963.2	1,848.9	33,95	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

	No. 2 fuel oil	No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resal
PAD District 4				
October 2019	W	_	1,164.0	7,409.
September 2019	W		1,087.1	7,408.
October 2018	W		1,277.6	6,967.
Colorado	**		1,277.0	0,307.
			200.0	2 205
October 2019	-	-	208.9	2,205.
September 2019	. .	-	201.9	2,173.
October 2018	-	-	238.8	2,208.0
Idaho				
October 2019	WW	-	W	972.
September 2019	W	<u>-</u>	W	875.
October 2018	W	-	W	769.
Montana				
October 2019			W	1,214.
September 2019				
	.	-	<u>W</u>	1,180.
October 2018	-	-	W	1,179.
Utah				
October 2019	W	_ -	245.5	1,926.
September 2019	W	-	251.1	1,838.
October 2018	W	-	459.4	1,556.
Wyoming				,
October 2019			414.0	1,090.
September 2019	-		290.3	1,340.
October 2018	-	-	334.3	1,253.
AD District 5				
October 2019	W	W	2,892.4	21,512.
September 2019	W	W	2,520.0	22,557.
October 2018	 		2,698.4	22,447.
	VV	VV	2,036.4	22,447
Alaska				
October 2019		W W	W	<u>V</u>
September 2019	W	W	W	V
October 2018	W	W	W	V
Arizona				
October 2019	-	-	465.2	837.
September 2019			463.6	884.
October 2018			442.2	990.
California			772.2	550.
			4.004.6	42.000
October 2019	-		1,094.6	13,900.
September 2019			1,076.7	14,354.
October 2018	-	-	1,295.0	14,618.
Hawaii				
October 2019	-	-	W	V
September 2019	<u>-</u>		W	V
October 2018			W	· · · · · · · · · · · · ·
Nevada				•
	147			540
October 2019	<u>W</u>	-	<u>W</u>	519.
September 2019		-	W	488.
October 2018	W	-	NA	508.
Oregon				
October 2019	<u> </u>	-	24.9	2,389.
September 2019	-	<u>-</u>	28.0	2,086.
October 2018			3.9	2,224.
			3.5	2,224.
Washington	147		425.0	2 404
October 2019	<u>W</u>	-	425.9	3,481.
September 2019	<u>W</u>	-	231.6	4,061.
October 2018	W	_	262.1	3,486.

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

			Residual	fuel oil			No. 4 fuel[a]		
Geographic area month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total				
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	
United States									
October 2019	W	1,663.6	W	6,080.9	2,765.3	7,744.5		W	
September 2019	W	W	W	W	3,242.5	7,494.3	- _	W	
October 2018	W	240.4	W	7,044.0	3,773.4	7,284.4	-	W	
PAD District 1									
October 2019	W_	W_	W_	W_	W_	W_			
September 2019	W	W	W	W	W	2,976.2			
October 2018	W	W	W	W	W	W	-	-	
Subdistrict 1A									
October 2019	-								
September 2019	-				-				
October 2018	-	-	-	-	-	-	-	-	
Subdistrict 1B									
October 2019	W	W	W	W	W	W			
September 2019	W	W	W	W	W	2,976.2	-		
October 2018	W	W	W	W	W	W			
Subdistrict 1C									
October 2019	. .								
September 2019	. .								
October 2018	-	-	-	-	-	-	-	-	
PAD District 2									
October 2019	-		W		W				
September 2019	-		W		W				
October 2018	-	-	W	W	W	W	-	-	
PAD District 3									
October 2019	- _	W_	174.8	W_	174.8	2,962.8	- _	W	
September 2019	. .	W_	550.6	W	550.6	2,655.1		W	
October 2018	-	W	602.7	W	602.7	3,440.7	-	W	
PAD District 4									
October 2019	 			W_		W_			
September 2019				W		W			
October 2018				W		W	-	<u>-</u>	
PAD District 5									
October 2019	W	W	W	W	2,318.8	1,761.9			
September 2019	W		W	W	2,406.8	W			
October 2018	W	W	W	W	2,800.4	1,315.8			

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.